DEFORE CODVINC CODAL ATTACH CITE INCUTTICION TO AREL OR CHITCH.

IAD000819110

SQUARE D CO JAMES JENSEN PO BOX 3069

CEDAR RAPIDS, IA 52406



#### U.S. ENVIRONMENTAL **PROTECTION AGENCY**

1993 Hazardous Waste Report

**IDENTIFICATION AND** CERTIFICATION

INSTRUCTIONS: Read the detailed instructions beginning on page 9 of the 1993 Hazard	lous Waste Report booklet before comple	ting this form.		
Sec. I Site name and location address. Complete A through H. Check the box 30 in information. Instruction page 10.	items A, C, E, F, G, and H if same as lat	el; if different, enter corrections. If label is absent, enter		
A. EPA ID No. Same as labelX <sup>(2)</sup> or →	B. County Linn			
C. Site/company name Same as label ⊠or →	D. Has the site name associated with the	nis EPA ID changed since 19917		
E. Street name and number. If not applicable, enter industrial park, building name, or other Same as label $\square$ or $\rightarrow$ 3700 Sixth Street SW	r physical location description.			
F. City, town, village, etc. Same as label ⊈or →	G. State Same as label X	H. Zip Code Same as label  [5]2]4]0]4]-3]0]6]9]		
Sec. II Mailing address of site. Instruction page 10.	50 Mb			
A. Is the mailing address the same as the location address? □ 1 Yes (SKIP TO S		R00352705		
B. Number and street name of mailing address P.O. Box 3069	RCRA	RECORDS CENTER		
C. City, town, village, etc. Cedar Rapids	D. State	E. Zip Code (5,2,4,0,6,-,3,0,6,9)		
Sec. III Name, title, and telephone number of the person who should be contacted if	questions arise regarding this report. Ins	truction page 10.		
A. Please print: Lest Name First name M.I.  Jensen James C.	B. Title Loss Control EPA Specialist	C. Telephone (3,1,9,1,3,6,9,-6,4,3,3)  Extension (6,14,3,3)		
Sec. IV  "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties under Section 3008 of the Resource Conservation and Recovery Act for submitting false information, including the possibility of fine and imprisonment for knowing violations."				
A. Please print: Last Name First name M.I. Sapp Dave	B. Tale Manufacturing M	lanager		
C. Signature DASH000	D. Date of signature  RCRA FILE COPY	(D Z  (Z 3) (2,4) MO. DAY YR.		
	000819110 MENT# 52A	Page 1 of <u>/ 8</u>		

EPA Form 8700-13A/B (Revised (8-93)

Over →

Sec.V - (	Generator S	latus	EPA ID N	I A D	000,0.	1 و ا	10				
Instructio	RCRA gener on page 10. ONE BOX BE		atus	B. Reason for n Page 12. (CHECK ALL TH	•						
20 1 LQG 2 SQG 3 CES 4 Non	s sk		SEC. VI o to Box B)			□ 6 W	riodic or occe este minimizet her (SPECIFY	ion activi	ty	BELOW)	
Sec.Vi -	On-Site Wa	ste Me	negement Status								
A. Store	ge subject to	RCRA		nents Page 13.	B. Treatment, disposal, requirements Page 13.	er recycling	subject to RC	CRA perm	itting	C. RCRA-exempt treatment, disposal, or recyclin 13.	g Page
	101 . 001		1	- 1002 100	•						
Sec.VII	- Waste Min	uruzat	ion Activity durin	d lans or san						1	
	992 er 1993		and a <u>source redu</u> le 14.		B. Did this site begin of 19937 Page 15.  U 1 Yes ZD 2 No	r expand a g	ecycling activ	ity during	j 1992 or	C. Did this site systematically investigate oppor for source reduction or recycling during 1992 o Page 15. 20 1 Yes 2 2 No	
	ny of the fed YES OR NO			limit this site's	ability to initiate new e	r additional	source reducti	ion activi	ties in 1992	or 19937 Page 15	
Yes	<u>No</u> 2⊠ 2				w source reduction equi		doment new c		duction area	iraa	
0 1 0 1	-⊠ 2 202	a. b.			m source reduction equi n source reduction techn						
20 i	02	C.	Source reduction	n is not econom	ically feasible: cost savi	ngs in wast	e management	or produ	iction will no	ot recover the capital investment	
¥0 i	D 2	d.			ay decline as a result of						
XD 1	0 2	e.		•	duction processes						
01	XG 2	f.	Permitting burd		elemented - additional rec	duction door		a ha tach	nicelly feesi	hla	
x01 X01	1 2 0 2	9. h.	Source reduction	on previously imp	olemented - additional rec Demented - additional rec	duction does	not appear to	o be tecn	nomically fea	sible	
0 1	¥0 2	". L	Source reduction	on previously imp	elemented - additional rec	duction does	not appear to	o be feas	ible due te p	permitting requirements	
<b>0</b> 1	<b>X</b> 0 2	Ļ		COMMENTS IN							
	ny of the fac YES OR NO			limit the site's	ability to initiate new e	r additional (	en-site or off-s	rite <u>recyc</u>	ling activitie	s during 1992 or 1993? Page 15.	
Yes	No CX2					Yes	<u>No</u> □ 2		Y	interesting of mandaration and the little of the con-	466
D 1	EX-2	8.			recycling equipment or	. 🖭 1	u 2	g.	Technical I	imitations of production processes inhibit shipmen exclina	112 GIL-
O 1	(2K2	h	implement new re		recycling techniques	0 1	<b>EX</b> 2	h.		rycung imitations of production processes inhibit on-site :	recycling
- '	- •		applicable to this			01	<b>E</b> 2	i.		burdens inhibit recycling	
01	Ġ <sup>x</sup> 2	c.	Recycling is not o	conomically feet	sible: cost sevings	0 1	<u>¥</u> 2	ŀ	•	rmitted off-site recycling facilities	
			in waste manager	nent will not rec	over the capital	01	Ø 2	k.		identify a market for recycled materials	
0 1	OX2		investment	lust sustitu mau	decline as a result of	01	<b>X</b> 2	L		previously implemented - additional recycling does be technically fessible	RUL
٠,	<b>6.</b> 2	u.	recycling	ance dasset usel	defmis es e i sons oi	<b>8</b> 1	O 2	m.		previously implemented - additional recycling does	not
0 1	₿*2	e.		nanifest wastes	inhibit shipments of	•	-		appear to	be economically feasible	
	_		off-site for recycl	•		01	登 2	n.		previously implemented - additional recycling does	not
O 1	G <b>x</b> 2	f.	Financial liability recycling	provisions inhibit	shipments off-site for	01	<b>Ø</b> 2	s.	• •	be feasible due to permitting requirements CIFY COMMENTS IN BOX BELOW)	
			i ac y cikilg			٥,	- •	•.	(OI E		
<u></u>											فيينسي
_		_				. 1 - 4				shutdown at the	

Comments: As part of a business decision the plating operation was shutdown at the end of 1993.

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P. Michigan, .

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#### U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report



INSTRUCTIONS: Read the det	ailed instructions beginning on page 16 of the 1993 Haza	ordous Waste Report booklet before completing this form.
Sec. I A. Waste descrip		rom chromate dip of zinc plated parts ally hazardous for chromium.
B. EPA hazardous waste code		C. State hazardous waste code Page 19.
Jim agy	0, 0, 7,	
D. SIC code Page 19.	E. Origin code 1 Page 19 F. Source code Page 20.  System  Type M	G. Point of measurement Page 20.  Page 20.  B1. RCRA - radioactive mixed Page 20.  2
Instruction Page	Page 21.  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
ON-SITE PROCESS SYSTEM 1  On-site process system type Page 22.  _M_O_7_1_	Quantity treated, disposed, or recycled on site in 1993	ON-SITE PROCESS SYSTEM 2  On-site process system type  Page 22.  LM_N_1
Sec.III A. Was any of Instruction page	this waste shipped off-site in 1993	
Site 1	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.  C. System type shipped to Page 23.  C. System type shipped to Page 23.  Page 23.  C. System type shipped to Page 23.
Site 2	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.  Page 23.  Page 23.  Page 23.
Sec. IV A. Did new act	ivities in 1993 result in minimization of this waste?   20 2	2 No (THIS FORM IS COMPLETE)
B. Activity Page 24.	Page 25.	993 due to new activities   E. Activity/production   F. 1993 source reduction quantity Page 26. index Page 25.

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## U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

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				e Jenos Angentinger State	
INSTRUCTIONS: Read the de	ailed instructions beginning on p	age 16 of the 1993 Hazardous	s Waste Report booklet bel	fore completing this fo	rm.
Sec. I A. Waste descri Charac	otion Instruction page 18. teristically ha			le silver p	olating operations.
B. EPA hazardous waste code	Page 19.		C. State hazardous waste	code Page 19.	
D	0 1 1 N A				
	$N_1A_1$ $N_1A_1$	N A		N <sub>1</sub> A <sub>1</sub>	
	E. Origin code 1 Page 19 F		G. Point of measurement	H. Form code	I. RCRA - radioactive mixed Page 20.
	System Type [M] N A	(A) 2, 2,	Page 20.	Page 20. LB_1_0_6	<u>, 2</u> ,
Instruction Page  ON-SITE PROCESS SYSTEM 1  On-site process system type  Page 22.	Quantity treated, disposed on site in 1993	2,2,4,0,0,.0,.0,	C. UOM Page 21 Tim John 5 0 8 0 bs/gal ON-SITE PROCESS SYSTE On-site process system tyl Page 22.	Ox1 Yes 2 sg 2 No M 2 Quantity t in 1993	s site do any of the following to this weste: troot on se on site, recycle on site, or discharge to a FW? Page 21.  (CONTINUE TO SYSTEM 1)  (SKIP TO SEC. III)
<sub>L</sub> м <sub>1</sub> 0 <sub>1</sub> 7 <sub>1</sub> 7 <sub>1</sub>	1,6,2,2	4,0,0,00	[M] [N]A]		•
Sec.III A. Was any of Instruction page	this waste shipped off-site in 19 2 23.	93			
Site 1	B. EPA ID No. of facility waste Page 23.	was shipped to	C. System type shipped to		E. Total quantity shipped in 1993
			Page 23.	availability code	Page 23.
Site 2	1 *	was shipped to	1	Page 23.	
	B. EPA ID No. of facility waste Page 23.  ivities in 1993 result in minimiza	e was shipped to	C. System type shipped to Page 23.  LM	Page 23.  D. Off-site availability code Page 23.	E. Total quantity shipped in 1993 Page 23.
Sec. IV A. Did new actinstruction pag B. Activity Page 24.	B. EPA ID No. of facility waste Page 23.  ivities in 1993 result in minimiza e 24.  C. Other effects Page 24.	e was shipped to	C. System type shipped to Page 23.  LM	Page 23.  D. Off-site availability code Page 23.	E. Total quantity shipped in 1993 Page 23.
Sec. IV A. Did new act	B. EPA ID No. of facility waste Page 23.  irvities in 1993 result in minimiza e 24.  C. Other effects Page 24.	tion of this waste? 1 Yes  2 2 No  D. Quantity recycled in 1993	C. System type shipped to Page 23.  LM  (CONTINUE TO SYSTEM 1 (THIS FORM IS COMPLETE due to new activities E. A indi	Page 23.  D. Off-site availability code Page 23.  Activity/production F. ex Page 25.	E. Total quantity shipped in 1993 Page 23.
Sec. IV  A. Did new actinstruction pag  B. Activity Page 24.	B. EPA ID No. of facility waste Page 23.  ivities in 1993 result in minimiza e 24.  C. Other effects Page 24.	tion of this waste? 1 Yes  XO 2 No  D. Quantity recycled in 1993  Page 25.	C. System type shipped to Page 23.  LM  (CONTINUE TO SYSTEM 1 (THIS FORM IS COMPLETE due to new activities E. A indi	Page 23.  D. Off-site availability code Page 23.  Activity/production F. ex Page 25.	E. Total quantity shipped in 1993 Page 23. L. L

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# U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

FORM GM

INSTRUCTIONS: Read the de	stailed instructions beginning on p	age 16 of the 1993 Hazardou	s Waste Report booklet be	fore completing this f	orm.
Sec. I A. Waste descr	iption - Instruction page 18. A h	cid rinse from azardous for co		ratons. C	haracteristically
B. EPA hazardous waste code	Page 19.		C. State hazardous waste	code Page 19.	
D	$0_1 0_1 2_1 \dots N_i A_i$	J			
ــــــ	N <sub>1</sub> A <sub>1</sub> , N <sub>1</sub> A	NA	سلسا	NA L	
D. SIC code Page 19.	E. Origin code 1   Page 19	F. Source code Page 20.	G. Point of measurement	H. Form code Page 20.	1. RCRA - radioactive mixed Page 20.
3,6,1,3,	System Type [M] NA	(A <u>, 2, 2</u> ,	Page 20.	(B <sub>1</sub> 1,0,5)	2
Sec. II A. Quantity ge Instruction Pag	nerated in 1892 B. Quantity gen e 21. Page 21.	erated in 1993	C. UOM C Page 21.	site, disp	is site de any of the following to this wests: treet on lose an site, recycle on site, or discharge to a DTW? Page 21.
2, 1, 6, 0, 0	0, 0, 0, 1,8	7,2,0,0,0,.0	i	□ 2 sg □ 2 No	s (CONTINUE TO SYSTEM 1) (SKIP TO SEC. III)
ON-SITE PROCESS SYSTEM 1			ON-SITE PROCESS SYSTE		
On-site process system type Page 22.	Quantity treated, dispose on site in 1993	d, or recycled	On-site process system ty Page 22.	in 1993	treated, disposed, or recycled on site
<sub>M</sub> 077	1,8,7,2	0,0,0,0	LMJ NA	<u> </u>	
Sec.III A. Was any of Instruction page	this waste shipped off-site in 18 e 23.	193 D 1 Yes (CONTINUE 20 2 No (SKIP TO SE			
Site 1	B. EPA ID No. of facility waste Page 23.	was shipped to	C. System type shipped to Page 23.	to D. Off-site availability code	E. Total quantity shipped in 1993 Page 23.
			[M]	Page 23.	<u></u>
Site 2	B. EPA ID No. of facility waste Page 23.	e was shipped to	C. System type shipped t	to D. Off-site	E. Total quantity shipped in 1993 Page 23.
	rage 23.	لــــــا لـــــــــــــــــــــــــــــ	Page 23.	Page 23.	<u></u>
Sec. IV A. Did new ad Instruction pa		GK2 No	(THIS FORM IS COMPLETE	E)	
B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1993 Page 25.		Activity/production F. lex Page 25.	1993 source reduction quantity Page 28.
رسییا رسییا					<u> </u>
رسيني رسيني	D 2 No	<del></del>		i	
				ave an aci	d salts bright dip

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#### U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

FORM GM

INSTRUCTIONS: Read the de	tailed instructions beginning on pa	age 16 of the 1993 Hazardou	s Waste Report booklet	before complet	ing this for	rm.
	ption Instruction page 18.	Caustic rinse w Characteristica	ater from c	leaning	opera	ations.
B. EPA hazardous waste code	Page 19.		C. State hazardous was	ste code Page	19.	
L <b>D</b> L	0:0:2: . N.A.					
ل_ا	N <sub>1</sub> A <sub>1</sub> · · · N <sub>1</sub> A <sub>1</sub>	∟N₁A⊥	<u></u> _	ı NıA		
	E. Origin code [1] Page 19 F System Type [M] NA	. Source code Page 20.	G. Point of measurement Page 20. 4」	H. Form of Page 20.		I. RCRA - radioactive mixed Page 20.
Sec. II A. Quantity gen Instruction Page	erated in 1992 B. Quantity gene 21. Page 21.	erated in 1993	C. UOM Page 21. 5, 0,8	Density 3. /	site, dispos sewer/POT	site de any of the following to this weste: troot on se on site, recycle on site, or discharge to a W? Page 21.
2,1,6,0,0	0,0,0,,1,8	.0 . 0 0 0 2 7	<u> </u>	pal D 2 sg		(CONTINUE TO SYSTEM 1) (SKIP TO SEC. III)
ON-SITE PROCESS SYSTEM 1		er er	ON-SITE PROCESS SYS	STEM 2		
On-site process system type Page 22. LM <u>I Ol 71 7</u> J	Quantity treated, disposed on site in 1993		On-site process system Page 22. LMN_A	.,	in 1993	reated, disposed, or recycled on site
Sec.III A. Was any of Instruction page	this weste shipped off-site in 19	93				
Site 1	B. EPA ID No. of facility waste Page 23.	was shipped to	C. System type shippe Page 23.	evaitabilit	ly code	E. Total quantity shipped in 1993 Page 23.
Site 2	B. EPA ID No. of facility waste Page 23.		C. System type shippe Page 23.	availabili Page 23	ty code	E. Total quantity shipped in 1993 Page 23.
Instruction pag		\$₹2 Na	(THIS FORM IS COMPL	ETE)		
B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1993 Page 25.	due to new activities	E. Activity/prod index Page 29	luction F. 1 5.	1993 source reduction quantity Page 26.
(W)	0 1 Yes 0 2 No			ا•لـلـا	ا لـ	
the work	tro plating oper transferred to ng in the future	another plant.	plant was s Will cont	hut dow	n in have	December 1993 and one caustic bath

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1993 Hazardous Waste Report

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INSTRUCTIONS: Read the det	ailed instructions beginning on page 16 of the 1993 Hazardou	s Waste Report booklet before completing this form.
Sec. I . A. Waste descrip		ts from filter press. Part of pretreatment ting operation F006.
B. EPA hazardous waste code		C. State hazardous waste code Page 19.
	0 <sub>1</sub> 0 <sub>1</sub> 6 <sub>1</sub> D <sub>1</sub> 0 <sub>1</sub> 1 <sub>1</sub> 1 <sub>1</sub>	N. A.
	0,0,7, ,, N,A, ,, N,A,	G. Point of measurement H. Form code I. RCRA - radioactive mixed Page 20.
	E. Origin code  Page 19 F. Source code Page 20.  System Type  A 2 2	G. Point of measurement   H. Form code   I. RCRA - radioactive mixed   Page 20.   Page 20.   B_3   1   0
Instruction Page	Page 21. 5 5 0	C. UOM Page 21. Tim Jensey    Density
ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2
On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1993	On-site process system type Quantity treated, disposed, or recycled on site in 1993
		(M
Sec.III A. Was any of Instruction page	this waste shipped off-site in 1993	
Site 1	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to D. Off-site availability code Page 23.  Page 23.  Page 23.  Page 23.
Site 2	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to D. Off-site availability code Page 23.  LM
		CONTINUE TO SYSTEM 11
Sec. IV A. Did new act Instruction pag	ivities in 1993 result in minimization of this waste? $\Box$ 1 Yes e 24.	(THIS FORM IS COMPLETE)
B. Activity Page 24.  LW	C. Other effects Page 24.  D. Quantity recycled in 1993 Page 25.  2 No	index Page 25.
Comments: 1 drum	of waste in storage. Will sh	ip in first quarter of 1994. be shutdown in February 1994.

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#### U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

FORM GM

INSTRUCTIONS: Read the deta	ailed instructions beginning on page 16 of the 1993 Hazard	ous Waste Report booklet before completing this form.
Sec. I A. Waste descrip		rom non-cyanide silver plating solution cally hazardous for silver.
B. EPA hazardous waste code f	Page 19.	C. State hazardous waste code Page 19.
	0:1:1: L.N.A.	
		$N_1A_1$
	N <sub>1</sub> A <sub>1</sub> N <sub>1</sub> A <sub>1</sub> N <sub>1</sub> A <sub>1</sub>	
	E. Origin code [1] Page 19 F. Source code Page 20.  System  Type [M] [N]A] [A] 2, 2,	G. Point of measurement Page 20.  Page 20.  B_3   1   0   1. RCRA - radioactive mixed Page 20.
Instruction Page	Prated in 1992 B. Quantity generated in 1993 21. Page 21.  5, 5, 0	
ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2
On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1993	On-site process system type Quantity treated, disposed, or recycled on site in 1993
		(M)
	· · · · · · · · · · · · · · · · · · ·	(M)
Sec.III A. Was any of t	this waste shipped off-site in 1993	JE TO BOX B)
(M)	this waste shipped off-site in 1993	JE TO BOX B)
Sec.III A. Was any of the Instruction page Site 1	this waste shipped off-site in 1993	DE TO BOX B) SEC IV)  C. System type shipped to Page 23.  C. System type shipped to Page 23.  D. Off-site availability code Page 23.  C. System type shipped to Page 23.
Sec.III  A. Was any of the Instruction page  Site 1  Site 2	this waste shipped off-site in 1993	JE TO BOX B) SEC IV)  C. System type shipped to Page 23.  C. System type shipped to Page 23.  LM
Sec. IV  A. Was any of the Instruction page  Site 1  Site 2	this waste shipped off-site in 1993	DE TO BOX B) SEC IV)  C. System type shipped to Page 23.  C. System type shipped to Page 23.  D. Off-site availability code Page 23.  Page 23.
Sec. IV  A. Was any of the Instruction page  Site 1  Site 2  Sec. IV  A. Did new actinstruction page B. Activity Page 24.	this waste shipped off-site in 1993	DE TO BOX B) SEC IV)  C. System type shipped to Page 23.  C. System type shipped to Page 23.  D. Off-site availability code Page 23.  Page 23.

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1993 Hazardous Waste Report

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INSTRUCTIONS: Read the de	tailed instructions beginning on p	age 16 of the 1993 Hazardou	s Waste Report booklet b	efore completing this fo	rm.	
	ption Instruction page 18. Wa metal hydroxide		sludge from	the treatme	nt of plating rinse.	
B. EPA hazardous waste code	Page 19.	-	C. State hazardous waste	e code Page 18.	A Company of the Comp	
ι <b>F</b> ι	$0_10_16_1  D_10_11_1$	I				
יעי	0,0,7, _,N,A,_	N.A	1 1_1_	NALL	1 1 1 1 1	
	E. Origin code 5 Page 19		G. Point of measurement		I. RCRA - radioactive mixed Page 20.	
	System 0 7 7	[A]2]2]	Page 20.	Page 20. LB <u>13 10 16</u> 1	<u>.2</u> .	
	1002 0 0		C. UOM	Density D. Did this	s site do any of the following to this weste: troot on	
Sec. II A. Quantity gen Instruction Page	erated in 1992 B. Quantity gen 21. Page 21.	etated in 1983	Page 21.	site, dispo	se en site, recycle en site, er discharge te e IW? Page 21.	
	6,.0	1 1 1 161010	2  1 lbs/gel	D 1 Yes	(CONTINUE TO SYSTEM 1) (SKIP TO SEC. III)	
ON-SITE PROCESS SYSTEM 1			ON-SITE PROCESS SYST			
On-site process system type	Quantity treated, disposed	i, or recycled	On-site process system type Quantity treated, disposed, or recycled on site			
Page 22.	on site in 1993		Page 22. in 1993			
ГW <sup>Т</sup> Т Т Т		<u> </u>	[M]			
Sec.III A. Was any of Instruction page	this waste shipped off-site in 19 e 23.	93				
Site 1	B. EPA ID No. of facility waste Page 23.	was shipped to	C. System type shipped Page 23.	to D. Off-site availability code	E. Total quantity shipped in 1993 Page 23.	
	$(A_1Z_1D_1 \cup 9_18_1O_1)$	7,3,5, (5,0,0)	[м <u>10113</u> ]	Page 23. 1	1.	
Site 2	B. EPA ID No. of facility waste	was shipped to	C. System type shipped		E. Total quantity shipped in 1993	
,r	Page 23.	•	Page 23.	evenebility code Page 23. NA	Page 23.	
	LIII LIIN (	ALLILLI	LM <sub>I</sub> NA	<u>un</u>		
Sec. IV A. Did new act	livities in 1993 result in minimiza	tion of this weste? O 1 Yes	(CONTINUE TO SYSTEM	1)		
Instruction pag	e 24.	x₽ 2 No	(THIS FORM IS COMPLET	(E)		
B. Activity Page 24.		D. Quantity recycled in 1993 Page 25.	due to new activities E.	Activity/production F. dex Page 25.	1993 source reduction quantity Page 26.	
(WIII) (WIII)	□ 1 Yes					
(W) (W)	□ 2 No			ا لانلــــــــــــــــــــــــــــــــــ		
					200	
Comments: Plating a	and waste treatm	ent were decom	missioned in	December 1	993.	
Comments: Plating a	and waste treatm ludge in storage			December 1	993.	

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CEDAR RAPIDS IA 52406

IAD000819110



## U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

FORM GM

INSTRUCTIONS: Read the deta	iled instructions beginning on page 18 of the 1993 Hazardon	is Waste Report booklet before completing this form.
	ion instruction page 18. Spent solvent fracteristically ignitable was	rom parts cleaning equipment. This solvent te.
B. EPA hazardous waste code P	age 19.	C. State hazardous waste code Page 19.
. D, C	0, 0, 1, NA	
	$N_1A_1 \qquad N_1A_1 \qquad N_1A_1$	( , , , N, A, , , , , , , , , , , , , , ,
<del>-</del>	Origin code L Page 19 F. Source code Page 20.	G. Point of measurement H. Form code   I. RCRA - redicactive mixed Page 20.
l.	System Type [M NA [A 1, 9]	Page 20.  Page 20.  B_2,1,1  LB_2,1,1
Sec. 11 A. Quantity gener Instruction Page	rated in 1992 B. Quantity generated in 1993 21. Page 21.	C. UOM Density D. Did this site do only of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTM? Page 21.
7, 3, 5	<u>5, 9, 0, 1, 1, 18,6,1,0,0</u>	1   1   1   1   1   1   1   1   1   1
ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2
On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1993	On-site process system type Quantity treated, disposed, or recycled on site in 1993
(M <u>)                                    </u>	· · · · · · · · · · · · · · · · · · ·	(M, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,
Sec.III A. Was any of the Instruction page	his weste shipped off-site in 1983 XO 1 Yes (CONTINUE 23.	
<b></b>	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to D. Off-site E. Total quantity shipped in 1993  Page 23. Page 23.
	$I_A,D,0,9,8,0,2,7,5,9,2$	[M <sub>1</sub> 1,4,1] Page 23. [] [ [8,6,1,0,•(0)]
<b>I</b>	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to D. Off-site E. Total quantity shipped in 1993  Page 23. Page 23.
		LM N A Page 23. NA
Sec. IV A. Did new active Instruction page	24. CX2 No	s (CONTINUE TO SYSTEM 1) (THIS FORM IS COMPLETE)
	Page 25.	due to new activities E. Activity/production F. 1993 source reduction quantity Page 26. index Page 25.
(M)	☐ 1 Yes ☐ 2 No	
Comments: M141 - Sa	afety Kleen then ships large	quanities to their recycling facilities in

BE		
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# U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

FORM GM

INSTRUCTIONS: Read the de	tailed instructions beginning on p	page 16 of the 1993 Hazardou	s Waste Report booklet bef	ore completing this	form.
					l from cleaning of as well as flammable.
B. EPA hazardous waste code	Page 19.		C. State hazardous waste	code Page 19.	
<u>F</u>	0 <sub>1</sub> 0 <sub>1</sub> 3 <sub>1</sub> D <sub>1</sub> 0 <sub>1</sub> 0 <sub>1</sub> 1	J			
<u></u>	N, A, , N, A,	, NA,		NAL	1 1 1 1 1
	E. Origin code L1 Page 19 System NA Type LM L A	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20. LB_2_0_3	I. RCRA - radioactive mixed Page 20.
Instruction Page	erated in 1992 B. Quantity gen 21. Page 21.	;	Page 21.	site, dis sewer/Pi 3 2 sg 0 2 N	his site de eny of the following to this waste: treet on pose on site, recycle on site, or discharge to a OTW? Page 21.  es (CONTINUE TO SYSTEM 1) o (SKIP TO SEC. III)
On-site process system type Page 22.	Quantity treated, disposed on site in 1993	d, or recycled	On-site process system typ Page 22.	e Quantity in 1993	treated, disposed, or recycled on site
(M)		لــا•لــلــــــــــــــــــــــــــــــ	[M]	لــــــ	11111111111
Sec.III A. Was any of Instruction page	this waste shipped off-site in 18 e 23.	993 A 1 Yes (CONTINUE D 2 No (SKIP TO SEC			
Site 1	B. EPA ID No. of facility waste Page 23. W_I_DO_O_O_		C. System type shipped to Page 23.	O. Off-site availability code Page 23. 1	E. Total quantity shipped in 1993 Page 23.
Site 2	B. EPA ID No. of facility waste Page 23.	e was shipped to	C. System type shipped to Page 23.	0. Off-site availability code Page 23. NA	E. Total quantity shipped in 1993 Page 23.
	NA (		LM NA	NA	LIINAIIIIIII
	1 -		LM_ NA	NA	I I I I I I I I I I I I I I I I I I I
Sec. IV A. Did new act	ivities in 1993 result in minimiza	ation of this waste? 🛚 1 Yes			
	ivities in 1993 result in minimiza	ation of this waste? □ 1 Yes ¾0 2 No 0. Quantity recycled in 1993	(CONTINUE TO SYSTEM 1) (THIS FORM IS COMPLETE) due to new activities E. A	activity/production F.	. 1993 source reduction quantity Page 28.
Instruction pag	tivities in 1993 result in minimiza	ation of this waste? □ 1 Yes ¾0 2 No D. Quantity recycled in 1993 Page 25.	(CONTINUE TO SYSTEM 1) (THIS FORM IS COMPLETE) due to new activities E. A		

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## U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

FORM GM

INSTRUCTIONS: Read the det	ailed instructions beginning on p	age 16 of the 1993 Hazardou	s Waste Report booklet b	efore completing this f	form.	
Sec. I  A. Waste description Instruction page 18. Rags used for cleaning with non-halogenated solvent-xylene.  Listed hazardous waste.						
B. EPA hazardous waste code $F$	I	C. State hazardous waste code Page 19.				
			G. Point of measurement H. Form code   I. RCRA - radioactive mixed Page 20.			
	E. Origin code $[L]$ Page 19 $[R]$ System $[R]$ $[A]$ $[A]$	LA $1$ $9$	G. Point of measurement Page 20.	Page 20. LB_2_0_3		
Sec. II  A. Quantity generated in 1992 B. Quantity generated in 1993 Page 21.  Page 21.  ON-SITE PROCESS SYSTEM 1			C. UOM Page 21. Jim Jo 1 tbs/gal ON-SITE PROCESS SYST	Sey   site, disp   19	his site do any of the following to this weste: treet en pose on site, recycle on site, or discharge to a DTW? Page 21. es (CONTINUE TO SYSTEM 1) o (SKIP TO SEC. III)	
On-site process system type  Quantity treated, disposed, or recycled  Page 22.  On site in 1993			On-site process system type Quantity treated, disposed, or recycled on site Page 22.  In 1993			
Sec.III A. Was any of Instruction page	this waste shipped off-site in 18 23.	193 X 1 Yes (CONTINUE 2 No (SKIP TO SE				
Site 1	B. EPA ID No. of facility waste was shipped to Page 23.  W, I, D, O,O,O, 8,O,8, 8,2,4		C. System type shipped Page 23.	Page 23.	E. Total quantity shipped in 1993 Page 23.	
Site 2	B. EPA ID No. of facility waste was shipped to Page 23.		C. System type shipped Page 23.	to D. Off-site availability code Page 23. NA	E. Total quantity shipped in 1993 Page 23. L     N' A         O	
Sec. IV  A. Did new activities in 1993 result in minimization of this waste?  Instruction page 24.  D 1 Yes (CONTINUE TO SYSTEM 1)  2 No (THIS FORM IS COMPLETE)						
B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1993 Page 25.	due to new activities E.	. Activity/production F. dex Page 25.	. 1993 source reduction quantity Page 26.	
rwTTT rwTTT	□ 2 No		111.11	ا الاا•الـا		
Comments:						

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CEDAR RAPIDS, IA 52406

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## U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

FORM GM

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardou	s Waste Report booklet before completing this form.				
77 , 4 4 4 m	( 11 + h				
Sec. 1  A. Waste description Instruction page 18. Waste 1,1,1, Tr: Rags and solvent	t from cleaning large generator.				
B. EPA hazardous waste code Page 19.	C. State hazardous waste code Page 19.				
_F <sub>1</sub> O <sub>1</sub> O <sub>1</sub> 2 <sub>3</sub> D <sub>1</sub> O <sub>1</sub> 2 <sub>1</sub> 8 <sub>3</sub>					
$D_1 O_1 A_1 O_2  N_1 A_1  N_1 A_1$					
D. SIC code Page 19. E. Origin code 1 Page 19 F. Source code Page 20.	G. Point of measurement H. Form code I. RCRA - radioactive mixed Page 20.				
[3, 6, 1, 3] System NA [A,1,9]	Page 20.  [B_2, 0, 2]  [2]				
Sec. II A. Quantity generated in 1992 B. Quantity generated in 1993	C. UOM Per Density D. Did this site do any of the following to this weste: treat on				
Instruction Page 21. Page 21.	Page 21				
0.0,5,5,0	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☐ 1 Ibsigal Q 2 sg ♀ 2 No (SKIP TO SEC. III)				
ON-SITE PROCESS SYSTEM 1	ON-SITE PROCESS SYSTEM 2				
On-site process system type Quantity treated, disposed, or recycled	On-site process system type Quantity treated, disposed, or recycled on site in 1993				
Page 22. on site in 1993	Page 22.				
Sec.III A. Was any of this waste shipped off-site in 1993	30 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A				
Site 1 B. EPA ID No. of facility waste was shipped to	C. System type shipped to D. Off-site E. Total quantity shipped in 1993  Page 23. Page 23.				
Page 23. W, I, D, O, O, O, 8, O, 8, 8, 2, 4,	Page 23. 1 5.5 • 0				
Site 2 B. EPA ID No. of facility waste was shipped to	C. System type shipped to D. Off-site E. Total quantity shipped in 1993				
Page 23.	Page 23.  LMN_A  availability code Page 23.  Page 23. NA  LMN_A  Page 23. NA				
Sec. IV  A. Did new activities in 1993 result in minimization of this waste?  1 Yes (CONTINUE TO SYSTEM 1)  2 2 No (THIS FORM IS COMPLETE)					
	due to new activities E. Activity/production F. 1993 source reduction quantity Page 26.				
Page 25.	index Page 25.				
Comments: This waste is the result of work done on a large generator in our test lab.  Should not generate this in the near future.					

DECODE CONVINC CORM. ATTACH CITE INCLITICICATION LADEL OD CHTCD.

IAD000819110

SQUARE D CO **JENSEN** JAMES PO BOX 3069

52406 CEDAR RAPIDS , IA



**FORM** 

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#### U.S. ENVIRONMENTAL **PROTECTION AGENCY**

1993 Hazardous Waste Report

WASTE TREATMENT, DISPOSAL, OR RECYCLING PROCESS SYSTEMS

INSTRUCTIO	INSTRUCTIONS: Read the detailed instructions beginning on page 33 of the 1993 Hezardous Waste Report booklet before completing this form.					
Sec. I	A. Waste treatment, disposal, or recycling system description Waste treatment system for the management of chrome instruction Page 38. plated parts.					
B. System t Page 38.		C. Regulatory status Page 39.  0 3,	D. Operational status Page 39.  O 3  O 1  O 1			
Sec. II	A. 1993 influent quantity Instruction page 40.		B. Maximum operational capacity Page 41.			
UOM   Density   Total			Total 45,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0			
C. 1993 liquid effluent quantity Instruction page 42.  8 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			D. 1993 solid/studge residual quantity  Page 42.  Total			
E. Limitation on maximum operational capacity  Page 43.  1. 0 6 2. 0 7 3. 0 5		Page 43	G. Percent capacity commercially available Page 43.			

Comments: Plating and waste treatment were decommissioned in December 1993.

DECODE PODVING FORM ATTACH CITE INCINTICIPATION LADEL OF CHTCO.

IAD000819110

SQUARE D CO JAMES JENSEN PO BOX 3069

CEDAR RAPIDS • IA 52406

FORM PS

## U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

WASTE TREATMENT, DISPOSAL, OR RECYCLING PROCESS SYSTEMS

INSTRUCTIO	INSTRUCTIONS: Read the detailed instructions beginning on page 33 of the 1993 Hazardous Waste Report booklet before completing this form.						
				reatment system for the management of etals through lime precipitation.			
B. System ty Page 38.	уре <sub>[М]</sub> 0 <sub>1</sub> 7 <sub>1</sub> 7 <sub>]</sub>	C. Regulatory status Page 39.		D. Operational sta Page 39.	****	Init types e 39. (O 11 ; (N 1A	_1
Sec. II A. 1993 influent quantity Instruction page 40.			B. Maximum operational capacity Page 41.				
Total5_2_3_9_1_2_4050_83_4,  RCRA5_2_3_9_1_2_40 X9_1 lbs/gal 0 2 sg			Total [1,4,2,0,0,0,0,0,0,0], 0], RCRA [1,4,2,0,0,0,0,0], 0]				
C. 1993 liquinstruction process total Control RCRA	uid effluent quantity page 42.   15   2   3   9   1   12   4   1   5   2   3   9   1   2	2 / 0	Density )	D. 1993 solid/slu Page 42. Total LL RCRA L	udge residual quantity	5 0 0 0	Density  Lili • Lili  Bosigal  2 sg
Page 43	E. Limitation on maximum operational capacity  Page 43.  1. 0 3 2. 0 5 3. 0 8 F. Commercial capacity availability Page 43.		ty code	G. Percent capacity of Page 43.	commercially available		

Comments: Will be decommissioned in 1st quarter 1994.

JAMES

SQUARE D CO

PO BOX 3069

**JENSEN** 

☐ TSDR

IAD000819110

**FORM** 

**U.S. ENVIRONMENTAL PROTECTION AGENCY** 

1993 Hazardous Waste Report

**OFF-SITE IDENTIFICATION** 

CEDAR RAPIDS.IA 52406 INSTRUCTIONS: Read the detailed instructions on the reverse side before completing this form. B. Name of off-site installation or transporter Safety-Kleen Corp A. EPA ID No. of off-site installation or transporter  $[I_1A_1D_10_9_18_10_2,7_15_9_2]$ D. Address of generator Street 3035 West 73rd Street C. Handler type (CHECK ALL THAT APPLY) ☐ Generator ☐ Transporter City Davenport IA 7,52806 M TSOR State B. Name of off-site installation or transporter A. EPA 10 No. of off-site installation or transporter  $A_1Z_1D_1$   $9_18_10_1$   $7_13_15_1$   $5_10_10_1$ Site 2 World Resource Company D. Address of generator Street 8113 West Sherman Street (CHECK ALL THAT APPLY) C. Handler type ☐ Generator City □ Trensporter Phoenix  $[A_1Z_1]$  Zip  $[8_15_10_14_13]$ -**IX** TSDR State

Site 3  A. EPA ID No. of off-site installation or transporter  [W:I:D:0:0:0:8:0:8] [8:2:4]	B. Name of eff-site installation or transporter  Hydrite Chemical		
C. Handler type (CHECK ALL THAT APPLY)  Generator Transporter STSDR	D. Address of generator Street 114 N. Main Street City Cottage Grove State Will Zap 5 3 5 2 7 - 1 1 1		
Site 4  A. EPA ID No. of off-site installation or transporter  C_A_D0_8_05_8_45_1_0	8. Name of off-cite installation or transportor CKC, Inc.		
C. Handler type (CHECK ALL THAT APPLY)  Generator  Transporter  TSDR	D. Address of generator N/A Street City State Zip		
Site 5 A. EPA ID No. of off-site installation or transporter $[\underline{L}_1A_1T_1 \ 2_10_10], [0_11_10], [5_19_13]$	B. Name of off-site installation or transporter Hydrite Chemical		
C. Handler type (CHECK ALL THAT APPLY)  Generator  Transporter	D. Address of generator Street City		

Comments:

State

Zip \_\_\_\_\_\_

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CEDAR RAPIDS IA 52406



# U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

OFF-SITE IDENTIFICATION

INSTRUCTIONS: Read the detailed instructions on the reverse side before complete	ting this form.
A. EPA ID No. of off-site installation or transporter WIL,D, 9,8,8,6,6,9,8,3,0  C. Handler type  (CHECK ALL THAT APPLY)  Generator Transporter Transporter	B. Name of off-site installation or transporter  Rainbow Freight Systems Inc  D. Address of generator Street N/A City State
Site 2  A. EPA ID No. of off-site installation or transporter  [I][D][0,5][1][0,6][0][4][0][8]	B. Name of off-site installation or transporter Safety Kleen Corporation
C. Handler type (CHECK ALL THAT APPLY)  ☐ Generator  苍 Transporter  ☐ TSDR	D. Address of generator Street City State
Site 3 A. EPA ID No. of off-site installation or transporter	B. Name of off-site installation or transporter
C. Handler type (CHECK ALL THAT APPLY)  Generator  Transporter  TSDR	D. Address of generator Street City State
Site 4 A. EPA ID No. of off-site installation or transporter	B. Name of off-site installation or transporter
C. Handler type (CHECK ALL THAT APPLY)  Generator  Transporter  TSDR	D. Address of generator Street City State Zip
Site 5 A. EPA ID No. of off-site installation or transporter	B. Name of off-site installation or transporter
C. Handler type (CHECK ALL THAT APPLY)  Generator  Transporter  TSDR	D. Address of generator Street City State
Comments:	



#### SQUARE D COMPANY

GROUPE SCHNEIDER

DISTRIBUTION EQUIPMENT BUSINESS
BOX 3069 - 3700 SIXTH STREET S.W., CEDAR RAPIDS, IA 52406
PHONE 319-365-4631 FAX 319-369-6600

REC'D. IOWA SEC. FEB 28 1994

February 23, 1994

US Environmental Protection Agency Region VII WSTM/RCRA/Iowa (Biennial Report) 726 Minnesota Avenue Kansas City, Kansas 66101

Dear Sirs:

**REF**: Biennial Report

Enclosed you will find a completed Biennial Report for 1993. This report is identified as the 1993 Hazardous Waste Report.

If you have any questions or need more information, please contact me at 319-369-6433.

James C. Jensen

Loss Control/Environmental Specialist

cc: Dave Sapp - Square D Company - Cedar Rapids Lyle Kovar - Square D Company - Missouri

Al Rickard - Square D Company - Cedar Rapids